



# **AUTOMATIC IDENTIFICATION TECHNOLOGY**

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*Right Item, Right Time, Right Place, Every Time...  
Best Value Solutions for America's Warfighter*



# Agenda

- Players and Roles
- Philosophy
- Standards
- Reference Guide
- RFID
- UID



# AIT Players & Roles

## Principals

DUSD (L&MR)  
JS-J4  
Director, DLA  
DCINC,  
TRANSCOM  
DUSD (AS&C)

DISA  
DARPA  
Army  
Navy  
Air Force  
Marines

## Mission

DUSD(L&MR) & JS-J4 tasked DLA to:  
*Promote, manage, coordinate, and document the application of DoD and Joint Logistics AIT doctrine, technologies, and processes in support of the Warfighter*

## Scope

- § Operate as a joint organization
- § Administratively supported by DLA
- § Guidance provided by DUSD(L&MR), JS-J4 and AIT Principals

## Infuse AIT into Logistics Business Processes

*Facilitate Source Data Collection*

*Reduce Logistics Processing Times*

**Objectives**

*Improve Data Accuracy*

*Enhance Asset Visibility*

**Improve Support to the Warfighter**



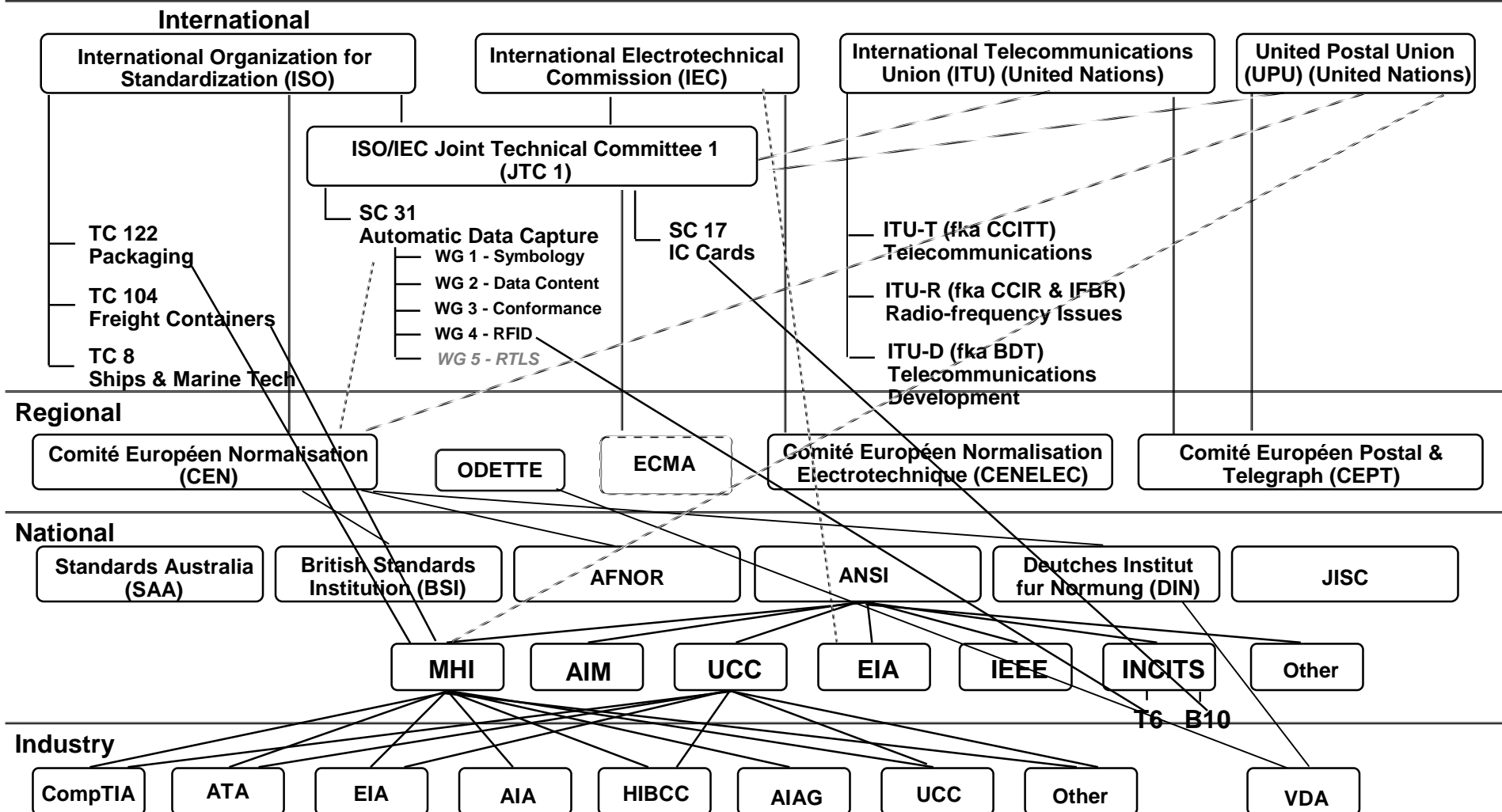


# AIT Philosophy

- Functional and Service interoperability
  - Technology independent
  - Standard Data format
- Shipment Identification and Visibility
  - 2D bar code PDR 417 symbol minimum requirement
  - RFID common infrastructure
- Support use of new technologies and capabilities
  - ATOS, ePC, Data Matrix, Iridium



# The Standards World





# AIT Standards

- Standards work
  - It's a virtual guarantee that you will have to change your business practices if you don't participate in standards committees. <sup>1</sup>
  - Technical
    - Symbolologies, RF air interfaces
  - Application
    - RFID, UID, business process modeling, shipping label, MILSTDs
  - Data Content
    - Meta data, data qualifiers
- Standards Groups
  - International
    - ISO/IEC JTC1 SC31 and Subgroups, JWG, TC20 WG13
  - National
    - INCITS T6, T20; MH10, MH10.8; CEA R9; U.S. Tag SC31 and subgroups
  - Military
    - DOD Standards IPT, NATO ASTWG

1: [www.autoid.org](http://www.autoid.org)



# DOD AIT Reference Guide

- The Application Standard for DOD AIT
- The "How To" book
- Single reference source replacing the "standards maze"
- Supplements the AIT Implementation Plan
- Web based living document; iterative in nature
- Coordinated, collegial, collaborative effort with the Services



# The RFID Future

- CENTCOM requirement "Mark Everything"
- Electronic Product Code intent: "Mark Everything"
  - DOD Log AIT is member Board of Governors
- Policy and Standards
  - Multi-standard or agile reader development
  - JWG (Shipping containers and Packaging)
    - ISO Project Editor product tagging (ISO 17367)
  - OSD (AT&L) interest
    - Draft DOD Policy on RFID usage (Sept 03?)
- Real Time Locating Systems



# UID

- Needs to be universal
  - Same for retail, industrial, military
- Must be 100% compatible with RFID Product Tagging (including ePC)
- AIT is one way we communicate the UID.



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[www.dodait.com](http://www.dodait.com)